

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspta1604dxj

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:31:38 ON 27 MAY 2003

FILE 'REGISTRY' ENTERED AT 11:31:42 ON 27 MAY 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 MAY 2003 HIGHEST RN 520505-31-1  
DICTIONARY FILE UPDATES: 26 MAY 2003 HIGHEST RN 520505-31-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

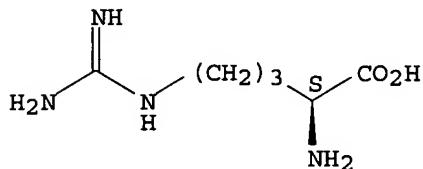
=> s l-arginine/cn  
L1 1 L-ARGININE/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
RN 74-79-3 REGISTRY  
CN L-Arginine (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Arginine, L- (8CI)  
OTHER NAMES:  
CN (S)-2-Amino-5-[(aminoiminomethyl)amino]pentanoic acid  
CN Arginine  
CN L-(+)-Arginine

CN L-.alpha.-Amino-.delta.-guanidinovaleric acid  
 CN L-Arg  
 CN L-Norvaline, 5-[(aminoiminomethyl)amino]-  
 CN L-Ornithine, N5-(aminoiminomethyl)-  
 CN Pentanoic acid, 2-amino-5-[(aminoiminomethyl)amino]-, (S)-  
 FS STEREOSEARCH  
 DR 7004-12-8, 142-49-4  
 MF C6 H14 N4 O2  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,  
     BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,  
     CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,  
     DETERM\*, DIOGENES, DRUGU, EMBASE, GMELIN\*, HODOC\*, HSDB\*, IFICDB,  
     IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC,  
     PHAR, PHARMASEARCH, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER,  
     TULSA, USAN, USPAT2, USPATFULL, VETU  
     (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO  
     (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

33755 REFERENCES IN FILE CA (1957 TO DATE)  
 992 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 33798 REFERENCES IN FILE CAPLUS (1957 TO DATE)  
 6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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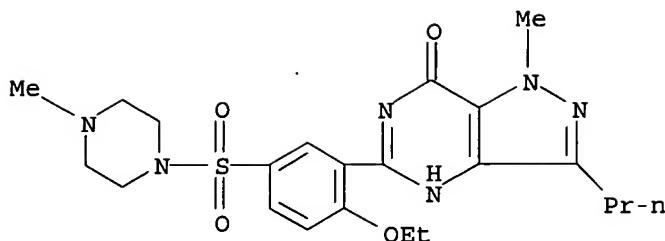
=> s sildenafil
L2      5 SILDENAFIL

=> d 12 1-5

L2  ANSWER 1 OF 5  REGISTRY  COPYRIGHT 2003 ACS
RN  501414-41-1  REGISTRY
CN  Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methyl-, (2Z)-2-butenedioate
     (1:1) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN  5-[2-Ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one monomaleate
CN  Sildenafil monomaleate
FS STEREOSEARCH
MF  C22 H30 N6 O4 S . C4 H4 O4
SR  CA
LC  STN Files: CA, CAPLUS

CM    1

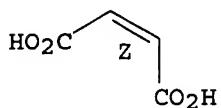
CRN  139755-83-2
CMF  C22 H30 N6 O4 S
  
```



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L2 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2003 ACS

RN 255885-48-4 REGISTRY

CN Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methyl-, (2Z)-2-butenedioate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5-[2-Ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one maleate

CN Sildenafil maleate

FS STEREOSEARCH

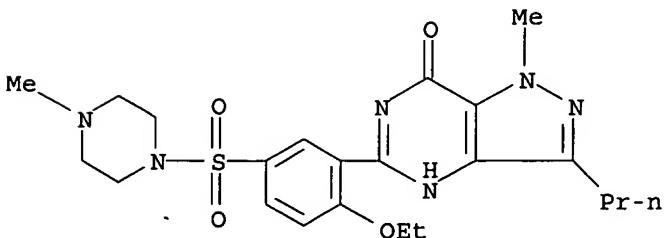
MF C22 H30 N6 O4 S . x C4 H4 O4

SR CA

LC STN Files: CA, CAPLUS, DRUGPAT, DRUGUPDATES

CM 1

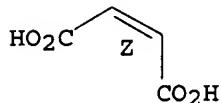
CRN 139755-83-2  
CMF C22 H30 N6 O4 S



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

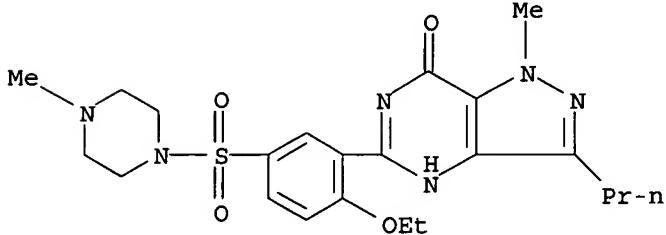


4 REFERENCES IN FILE CA (1957 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L2 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2003 ACS  
RN 171599-83-0 REGISTRY  
CN Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methyl-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-[[3-(6,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methylpiperazine, 2-hydroxy-1,2,3-propanetricarboxylate (1:1)  
CN Sildenafil citrate  
CN UK 92480  
CN UK 92480-10  
CN Viagra  
MF C22 H30 N6 O4 S . C6 H8 O7  
CI COM  
SR CAS Registry Services  
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CEN, CHEMCATS, CIN, DIOGENES, DRUGPAT, DRUGUPDATES, IPA, MRCK\*, PHAR, PHARMASEARCH, PIRA, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

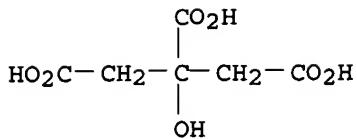
CM 1

CRN 139755-83-2  
CMF C22 H30 N6 O4 S



CM 2

CRN 77-92-9  
CMF C6 H8 O7



252 REFERENCES IN FILE CA (1957 TO DATE)  
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 253 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L2 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS

RN 139755-83-2 REGISTRY

CN Piperazine, 1-[(3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl)sulfonyl]-4-methyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrazolo[4,3-d]pyrimidine, piperazine deriv.

OTHER NAMES:

CN 5-[2-Ethoxy-5-(4-methyl-1-piperazinylsulfonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one

CN Sildenafil

FS 3D CONCORD

MF C22 H30 N6 O4 S

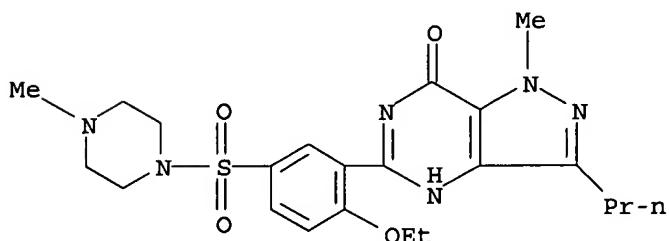
CI COM

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CIN, CSCHEM, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK\*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: WHO



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

400 REFERENCES IN FILE CA (1957 TO DATE)  
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 402 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L2 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS

RN 139755-82-1 REGISTRY

CN Piperazine, 1-[(3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

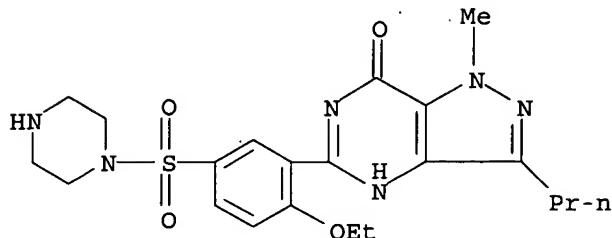
CN 1H-Pyrazolo[4,3-d]pyrimidine, piperazine deriv.

OTHER NAMES:

CN desmethylsildenafil

CN UK 103320

FS 3D CONCORD  
MF C21 H28 N6 O4 S  
SR CA  
LC STN Files: ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, TOXCENTER, USPAT2,  
USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

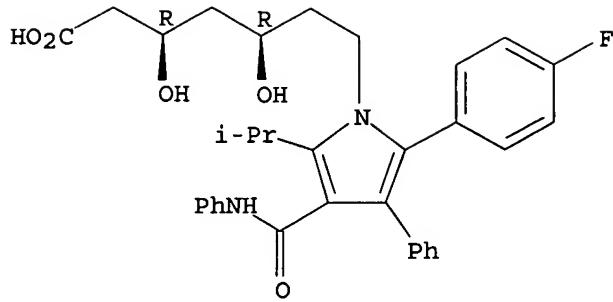
35 REFERENCES IN FILE CA (1957 TO DATE)  
35 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> s lipitor/cn  
L3 1 LIPITOR/CN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
RN 134523-03-8 REGISTRY  
CN 1H-Pyrrole-1-heptanoic acid, 2-(4-fluorophenyl)-.beta.,.delta.-dihydroxy-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-, calcium salt (2:1), (.beta.R,.delta.R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1H-Pyrrole-1-heptanoic acid, 2-(4-fluorophenyl)-.beta.,.delta.-dihydroxy-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-, calcium salt (2:1), [R-(R\*,R\*)]-  
OTHER NAMES:  
CN Atorvastatin calcium  
CN Atorvastatin hemicalcium  
CN Atorvastatin hemicalcium salt  
CN CI 981  
CN Lipitor  
CN Probenecid-colchicine  
CN Sortis  
CN Tahor  
CN YM 548  
FS STEREOSEARCH  
DR 334757-04-9  
MF C33 H35 F N2 O5 . 1/2 Ca  
SR CA  
LC STN Files: ADISINSIGHT, AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CIN, CSCHEM, DDFU, DIOGENES, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, HSDB\*, IPA, MRCK\*, PHAR, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
CRN (134523-00-5)

Absolute stereochemistry.



● 1/2 Ca

109 REFERENCES IN FILE CA (1957 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

110 REFERENCES IN FILE CAPLUS (1957 TO DATE)